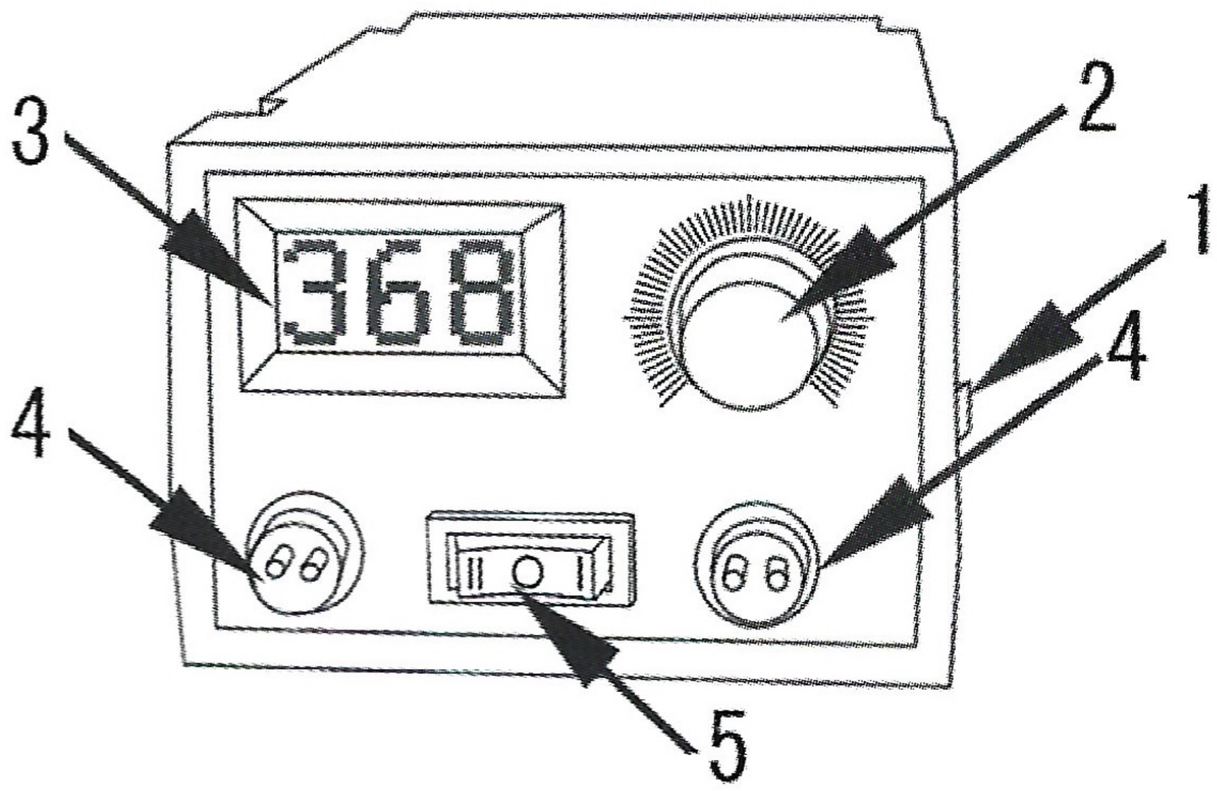
Instruction Manual of LH40 Pyrograph Machine



1) Pyrograph machine switch: Turn on the switch when using it, and turn it off when not in use to avoid danger.

2) Thermostat: It adjusts the temperature of the soldering brush head. Normally adjust the rendering temperature in the light gray area, and the red area is the high temperature area.

To adjust the temperature of the heating wire pen head, slowly adjust the temperature through the thermostat. When the temperature is first adjusted, first adjust the temperature to 700°C and then slowly adjust it to a lower position. The best temperature display is around 350-600°C. Good, low temperature rendering is best around 350-450°C. When the temperature is adjusted, the tip of the heating wire is a bit grayish-orange-red, and then it is adjusted to not red, not too red. Too high temperature will make the pen hair soft and unable to paint normally, and the performance will drop sharply, and the drawn line will appear burnt. shape.

3) The meter is displayed as a digital display, and the current wood burning brush tip temperature is directly displayed on the display, and the display temperature is °C.

4) The power output socket of the wood burning brush; the plug of the pyrography wood burning brush should be closely matched with the socket, that is, the plug should be inserted into the bottom of the socket, and the fitting should be close to avoid poor contact causing overheating and burning of accessories here.

5) Dual socket switch: The two pens are used alternately through a changeover switch, instead of two pens being energized at the same time. After pressing Ⅰ, the socket is energized in direction I, and after pressing Ⅱ, the socket is energized in direction Ⅱ. The machine without a switch is a high-power two pens that can be plugged in at the same time.

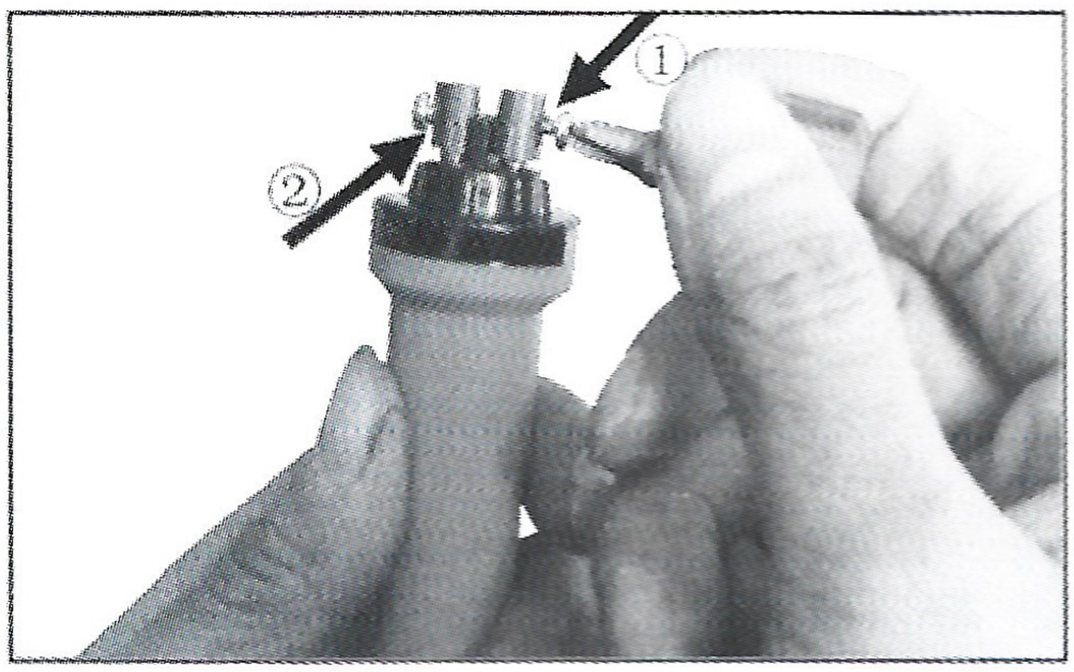
Precautions for pyrograph machine:

1) Tighten the screw of the pen tip when applying the pen tip, avoid poor contact between the pen tip and the terminal so that the pen tip is not hot.The overheating of the terminal will burn out the accessories, If the terminal is too hot, that is the pen tip is not tightly fastened, and it should be fastened with a screwdriver in time.

2) Select a heating wire under 1 mm as the pen tip.Do not choose other non-heating wire materials such as iron wire as the pen tip,which is very dangerous and easy to burn out all the accessories in the movement, and it is easy to cause electric shock and fire.

Correct installation of pen point of pyrograph

The pen point of pyrograph is not hot, and the temperature is suddenly high, and suddenly low. There are sparks coming from the pen point and the penholder is hot to grasp. What are the reasons? It's because the incorrect installation of the pen point.

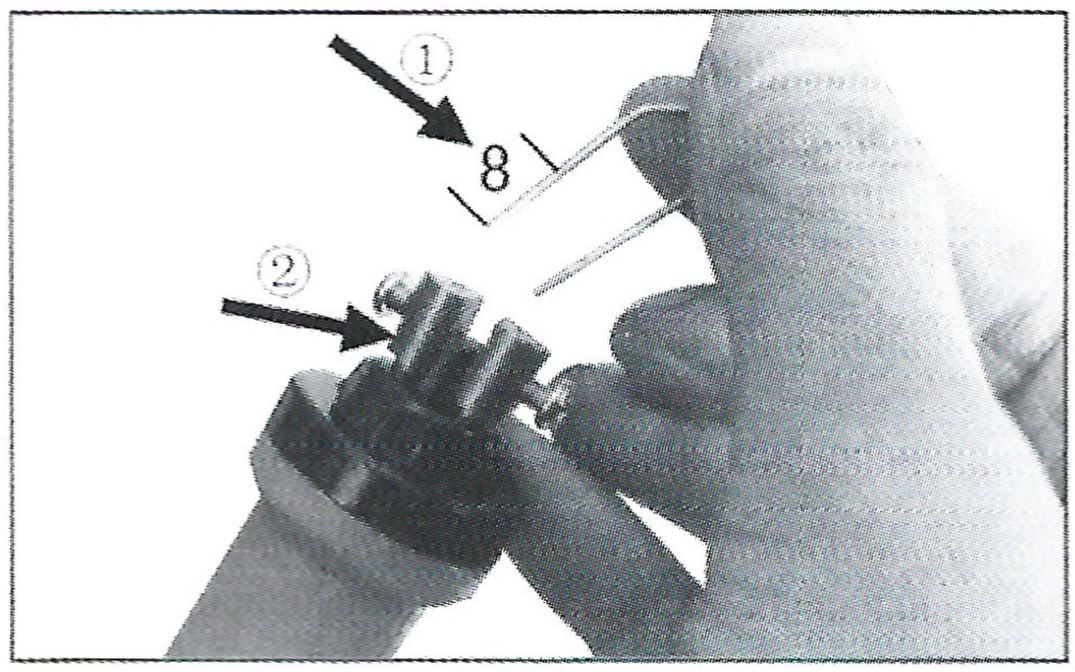


①

Here the top screw needs to exit more than 4 mm, and the screw needs to exit this distance and inserts into the pen point.

②

It's wrong for screw to insert into the pen point at this distance.

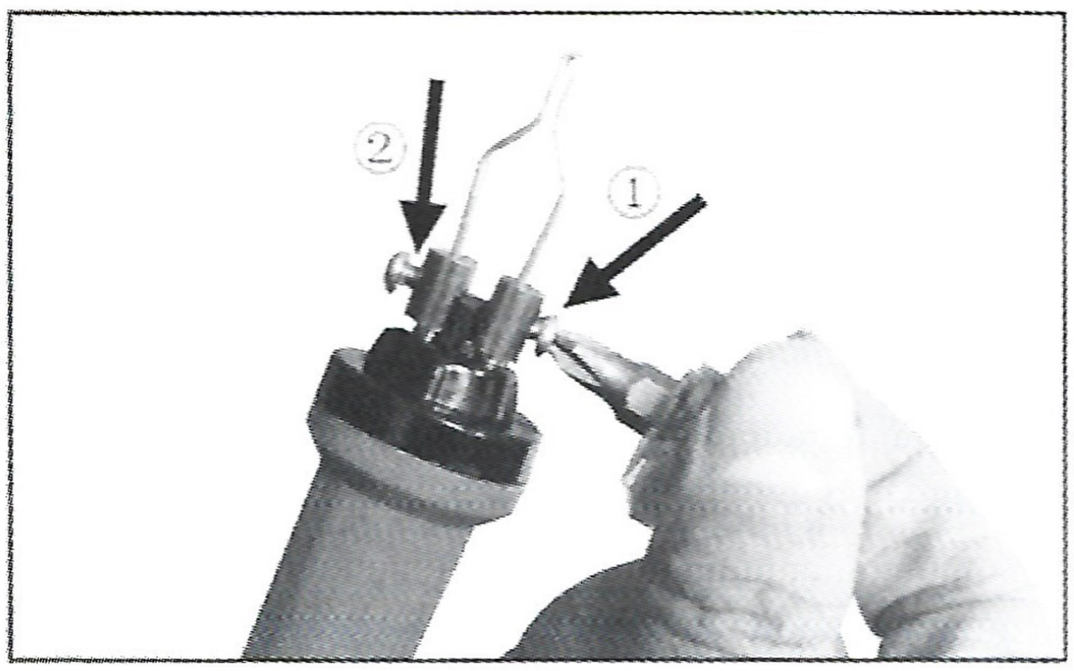


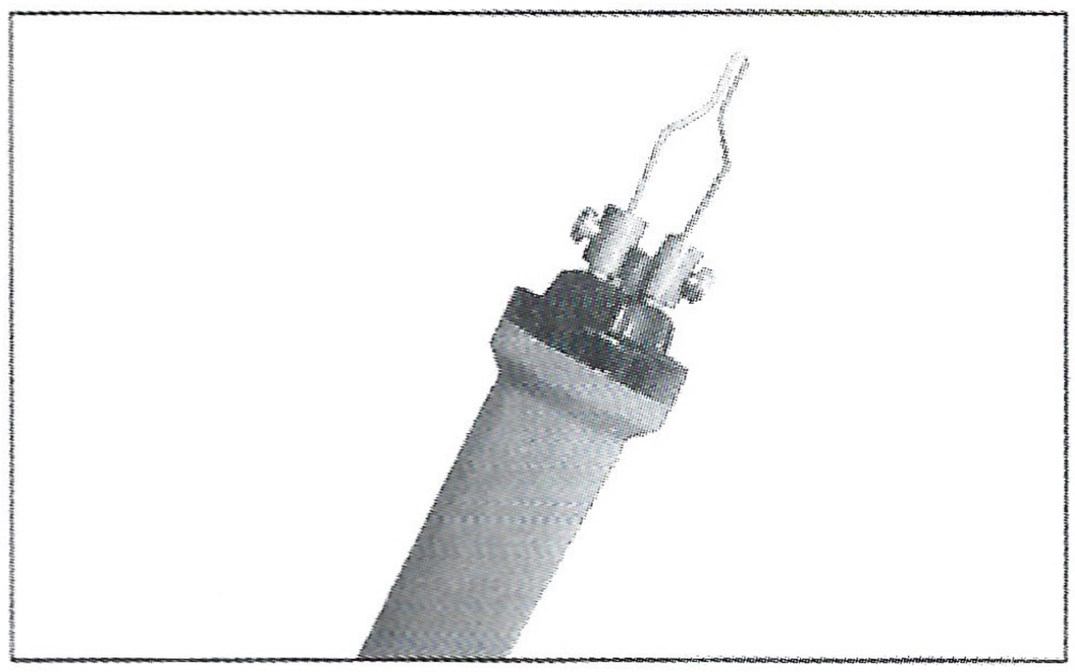
①

The feet of the pen point shall be inserted into the copper binding post for more than 8 mm.

②

The pen point copper binding post





①

Tighten the screw with the screwdriver and tighten the feet of the pen point! It must be tightly closed; otherwise, the pen point won't be heated or its heating is abnormal or even sparks.

②

The screw leaks outside too much , and it's sure the feet pf pen point is not tightened which is wrong .

It's the essential to install the pen point correctly.

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